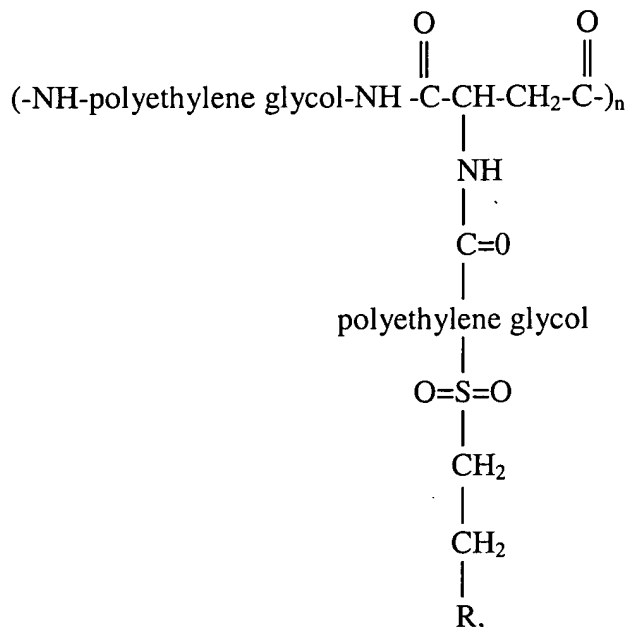


AMENDMENTS TO THE CLAIMS

1. (Previously Amended) An immunological test kit comprising an immunologically reactive substance connected to an immunologically invisible carrier unit, said immunologically invisible carrier unit comprising a polyethylene glycol copolymer of the structure of:



wherein n represents the number of units connected in a chain, and R the immunologically reactive substance.

2. (Original) The test kit of claim 1, wherein said immunological test kit is an ELISA kit.

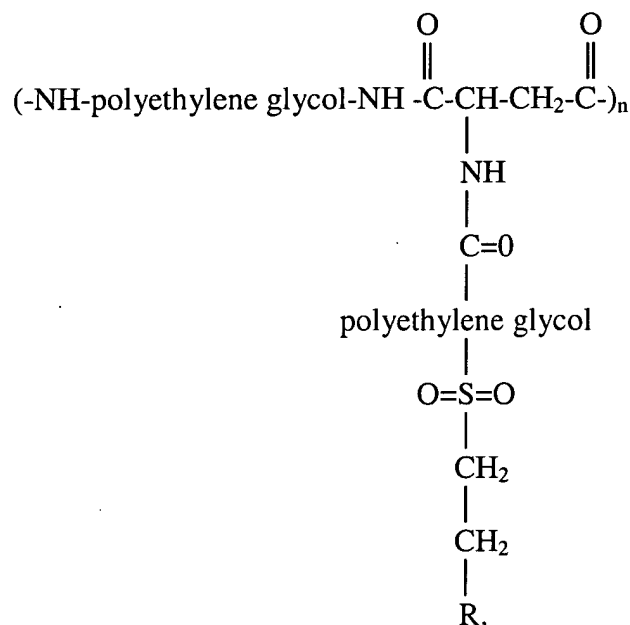
3. (Previously Amended) The test kit of claim 1, wherein said immunological test kit is a capillary immuno-chromatography kit or a column immuno-chromatography kit.

4. (Cancelled)

5. (Previously Amended) The test kit of claim 1 wherein the immunologically reactive substance comprises an epitope.

6. (Previously Amended) The test kit of claim 1 wherein the immunologically reactive substance comprises an antibody.
7. (Previously Amended) The test kit of claim 1, wherein the immunologically reactive substance comprises an antigen.
8. (Cancelled)
9. (Previously Amended) The test kit of claim 1, wherein the carrier consists of one to eight units.
10. (Previously Amended) The test kit of claim 1, wherein the carrier consists of three to eight units.
- 11-12. (Cancelled)
13. (Previously Amended) The test kit of claim 1, wherein the immunologically reactive substance comprises an amino acid sequence selected from the group consisting of: VQEGVQQEGAQQP-(beta-A)(beta-A)C; EIAAKAIGKKIHQNNG-(beta-A)(beta-A)C; ISTLIKQKLDGLKNE-(beta-A)(beta-A)C; PVVAESPKKPE-(beta-A)(beta-A)C; DKKAINLDKAQQKLD-(beta-A)(beta-A)C; ITKGKSQKSLGD-(beta-A)(beta-A)C; and GMTFRAQEGAFLTG-(beta-A)(beta-A)C.
- 14-16. (Cancelled)

17. (Previously Amended) A composition of matter comprising an immunologically reactive substance connected to an immunologically invisible carrier unit, said immunologically invisible carrier unit comprising a polyethylene glycol copolymer of the structure of:



wherein n represents the number of units connected in a chain, and R is the immunologically reactive substance.

18. (Cancelled)

19. (Previously Amended) The composition of matter of claim 17, wherein the carrier consists of one to eight units.

20. (Previously Amended) The composition of matter of claim 17, wherein the carrier consists of three to eight units.

21-24. (Cancelled)

25. (Previously Added) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an amino acid sequence selected from the group consisting of:

VQEGVQQEGAQQP-(beta-A)(beta-A)C; EIAAKAIGKKIHQNNG-(beta-A)(beta-A)C;
 ISTLIKQKLDGLKNE-(beta-A)(beta-A)C; PVVAESPKKPE-(beta-A)(beta-A)C;
 DKKAINLDKAQQKLD-(beta-A)(beta-A)C; ITKGKSQKSLGD-(beta-A)(beta-A)C; and
 GMTFRAQEGAFLTG-(beta-A)(beta-A)C.

26-28. (Cancelled)

29. (Previously Added) The test kit of claim 1, wherein each unit of the chain carries the same immunologically reactive substance.

30. (Previously Added) The test kit of claim 1, wherein each unit of the chain optionally carries a different immunologically reactive substance.

31. (Previously Added) The test kit of claim 1, wherein the immunologically invisible carrier unit further comprises a reporter moiety.

32. (Previously Added) The test kit of claim 31, wherein the reporter moiety is biotin.

33. (Previously Added) The test kit of claim 13, wherein each unit of the chain carries the same immunologically reactive substance.

34. (Previously Added) The test kit of claim 13, wherein each unit of the chain optionally carries a different immunologically reactive substance.

35. (Previously Added) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an epitope.

36. (Previously Added) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an antibody.

37. (Previously Added) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an antigen.

38. (Previously Added) The composition of matter of claim 17, wherein each unit of the chain carries the same immunologically reactive substance.
39. (Previously Added) The composition of matter of claim 17, wherein each unit of the chain optionally carries a different immunologically reactive substance.
40. (Previously Added) The composition of matter of claim 17, wherein the immunologically invisible carrier unit further comprises a reporter moiety.
41. (Previously Added) The composition of matter of claim 40, wherein the reporter moiety is biotin.
42. (Previously Added) The composition of matter of claim 25, wherein each unit of the chain carries the same immunologically reactive substance.
43. (Previously Added) The composition of matter of claim 25, wherein each unit of the chain optionally carries a different immunologically reactive substance.
44. (New) The test kit of claim 1, wherein the immunologically reactive substance comprises an isolated, purified amino acid sequence of GMTFRAQEGAFLTG-(beta-A)(beta-A)C.
45. (New) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an isolated, purified amino acid sequence of GMTFRAQEGAFLTG-(beta-A)(beta-A)C.
46. (New) The test kit of claim 1, wherein the immunologically reactive substance comprises each of the isolated, purified amino acid sequences of VQEGVQQEGAQQP-(beta-A)(beta-A)C; EIAAKAIGKKIHQNG-(beta-A)(beta-A)C; ISTLIKQKLDGLKNE-(beta-A)(beta-A)C; PVVAESPKKPE-(beta-A)(beta-A)C; DKKAINLDKAQQKLD-(beta-A)(beta-A)C; ITKGKSQKSLGD-(beta-A)(beta-A)C; and GMTFRAQEGAFLTG-(beta-A)(beta-A)C, and wherein each sequence is located on a different unit of the chain.
47. (New) The composition of matter of claim 17, wherein the immunologically reactive substance comprises each of the isolated, purified amino acid sequences of VQEGVQQEGAQQP-(beta-

A)(beta-A)C; EIAAKAIGKKIHQNNG-(beta-A)(beta-A)C; ISTLIKQKLDGLKNE-(beta-A)(beta-A)C; PVVAESPKKPE-(beta-A)(beta-A)C; DKKAINLDKAQQKLD-(beta-A)(beta-A)C; ITKGKSQKSLGD-(beta-A)(beta-A)C; and GMTFRAQEGAFLTG-(beta-A)(beta-A)C, and wherein each sequence is located on a different unit of the chain.

48. (New) The test kit of claim 1, wherein R comprises an amino acid sequence of 11 to 16 amino acids.

49. (New) The composition of matter of claim 17, wherein R comprises an amino acid sequence of 11 to 16 amino acids.